

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10812668
	Filing Date		2004-03-30
	First Named Inventor	Ritchie	
	Art Unit	1618	
	Examiner Name	Micah Paul Young	
	Attorney Docket Number	UGRF123806	

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	3049474	A	1962-08-14	Hepworth	
	2	3091569	A	1963-05-28	Sheffner	
	3	4258056	A	1981-03-24	Lentsch	
	4	4323558	A	1982-04-06	Nelson	
	5	4438099	A	1984-03-20	Azzariti	
	6	4485091	A	1984-11-27	Fitton	
	7	4945110	A	1990-07-31	Brokken	
	8	4983585	A	1991-01-08	Pennell	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10812668
Filing Date		2004-03-30
First Named Inventor	Ritchie	
Art Unit	1618	
Examiner Name	Micah Paul Young	
Attorney Docket Number	UGRF123806	

9	5004607	A	1991-04-02	Ragland	
10	5055447	A	1991-10-08	Palladino	
11	5064647	A	1991-11-12	Storm	
12	5135155	A	1992-08-04	Kang	
13	5160737	A	1992-11-03	Friedman	
14	5260292	A	1993-11-09	Robinson	
15	5455266	A	1995-10-03	Kusuda	
16	5489430	A	1996-02-06	Sailo	
17	5604200	A	1997-02-18	Taylor-McCord	
18	5621076	A	1997-04-15	Kodama	
19	5646151	A	1997-07-08	Kruse	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

20	5698207	A	1997-12-16	Staats	
21	5760026	A	1998-06-02	Blackburn	
22	5766594	A	1998-06-16	Kodama	
23	5858962	A	1999-01-12	Blackburn	
24	5863938	A	1999-01-26	Martin	
25	5914113	A	1999-06-22	Schrier	
26	5942232	A	1999-08-24	Costa	
27	5958443	A	1999-09-28	Vegas	
28	6086892	A	2000-07-11	Cook	
29	6159945	A	2000-12-12	Wu	
30	6207411	B1	2001-03-27	Ross	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

31	6207679	B1	2001-03-27	Cuny	
32	6224853	B1	2001-05-01	Steel	
33	6270770	B1	2001-08-07	Schrier	
34	6291656	B1	2001-09-18	Wu	
35	6414023	B1	2002-07-02	Brandsborg	
36	6423299	B1	2002-07-23	Fischetti	
37	6509319	B1	2003-01-21	Raad	
38	6518252	B2	2003-02-11	Wooley	
39	6538910	B1	2003-03-25	Spitz	
40	6723688	B1	2004-04-20	Malik	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020091074	A1	2002-07-11	Wooley	
	2	20030220302	A1	2003-11-27	Kohan	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	2 384 881	CA	A1	2001-03-22	Loomis		<input type="checkbox"/>
	2	0 603 406	EP	A1	1994-06-29	Saito		<input type="checkbox"/>
	3	1 539 771	GB		1979-02-07	Fitton		<input type="checkbox"/>
	4	95/30751	WO	A1	1995-11-16	Suri		<input type="checkbox"/>
	5	99/09997	WO	A1	1999-03-04	Raad		<input type="checkbox"/>
	6	99/21866	WO	A1	1999-05-06	Wu		<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

7	00/00186	WO	A1	2000-01-06	Coury	<input type="checkbox"/>
8	02/24143	WO	A2	2002-03-28	Wooley	<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	BIZIULEVICHUS, G.A., and K. LUKAUSKAS, "In Vivo Studies on Lysosubtilin. 3. Efficacy for Treatment of Mastitis and Superficial Lesions of the Udder and Teats in Cows," Veterinary Research 29(5):441-446, September-October 1998.	<input type="checkbox"/>
	2	BLAIR, J.E., et al. (eds.), "Pseudomonas" in "Manual of Clinical Microbiology," American Society for Microbiology, Bethesda, Md., 1970, p. 307.	<input type="checkbox"/>
	3	BRYAN, L.E. (ed.), "Aminoglycoside Resistance," Academic Press, Orlando, Fla., 1984, Ch. 8, "Antimicrobial Drug Resistance," pp. 255-256.	<input type="checkbox"/>
	4	CHEW, B.P., et al., "In Vitro Growth Inhibition of Mastitis Causing Bacteria by Phenolics and Metal Chelators," Journal of Dairy Science 68(11):3037-3046, November 1985.	<input type="checkbox"/>
	5	COLMAN, P.M., "Effects of Amino Acid Sequence Changes on Antibody-Antigen Interactions," Research in Immunology 145(1):33-36, January 1994.	<input type="checkbox"/>
	6	CULLOR, J.S., "Antibiotic Residue Tests for Mammary Gland Secretions," Veterinary Clinics of North America Food Animal Practice 9(3):609-620, November 1993.	<input type="checkbox"/>
	7	"DARICLOX®" (Product Information Sheet), Pfizer Inc., New York, May 2001, <http://valleyvet.com/ct_library_info.html?product=30e079f7-7b6a-11d5-a192-00b0d...> [retrieved February 20, 2004], 2 pages.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

8	DE OLIVEIRA, A.P., et al., "Antimicrobial Susceptibility of Staphylococcus aureus Isolated From Bovine Mastitis in Europe and the United States," Journal of Dairy Science 83(4):855-862, April 2000.	<input type="checkbox"/>
9	DEVRIESE, L.A., et al., "Identification and Antimicrobial Susceptibility of Staphylococcus chromogenes Isolates From Intramammary Infections of Dairy Cows," Veterinary Microbiology 87(2):175-182, June 2002.	<input type="checkbox"/>
10	DODD, F.H., "Mastitis—Progress on Control," Journal of Dairy Science 66(8):1773-1780, 1983.	<input type="checkbox"/>
11	ERSKINE, R.J., et al., "Advances in the Therapy for Mastitis," Veterinary Clinics of North America: Food Animal Practice 9(3):499-517, November 1993.	<input type="checkbox"/>
12	ERSKINE, R.J., et al., "Pseudomonas mastitis: Difficulties in Detection and Elimination From Contaminated Wash-Water Systems," Journal of the American Veterinary Medical Association (JAVMA) 191(7):811-815, October 1987.	<input type="checkbox"/>
13	FARCA, A.M., et al., "Potentiation of Antibiotic Activity by EDTA-Tromethamine Against Three Clinically Isolated Gram-Positive Resistant Bacteria. An In Vitro Investigation," Veterinary Research Communications 18(1):1-6, January 1994.	<input type="checkbox"/>
14	GANDER, S., "Bacterial Biofilms: Resistance to Antimicrobial Agents," Journal of Antimicrobial Chemotherapy 37(6):1047-1050, June 1996.	<input type="checkbox"/>
15	GREENSPAN, N.S., and E. DI CERA, "Defining Epitopes: It's Not as Easy as It Seems," Nature Biotechnology 17:936-937, October 1999.	<input type="checkbox"/>
16	GRUET, P., et al., "Bovine Mastitis and Intramammary Drug Delivery: Review and Perspectives," Advanced Drug Delivery Reviews 50(3):245-259, September 2001.	<input type="checkbox"/>
17	HALL, R.M., "Mobile Gene Cassettes and Integrins: Moving Antibiotic Resistance Genes in Gram-Negative Bacteria," in D.J. Chadwick and J. Goode (eds.), "Antibiotic Resistance: Origins, Evolution, Selection and Spread" (Ciba Foundation Symposium 207, London, July 16-18, 1996), Wiley, Chichester, U.K., June 1997, pp. 192-205.	<input type="checkbox"/>
18	HEPPEL, L.A., "The Concept of Periplasmic Enzymes," in L.I. Rothfield (ed.), "Structure and Function of Biological Membranes," Academic Press, New York, 1971, pp. 224-247.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

19	JACKSON, E.R., "The Proper Use and Benefits of Veterinary Antimicrobial Agents in Practice in Cattle," Veterinary Microbiology 35(3-4):349-356, June 1993.	<input type="checkbox"/>
20	KARUKONDA, S.R.K., et al., "The Effects of Drugs on Wound Healing—Part II. Specific Classes of Drugs and Their Effect on Healing Wounds," International Journal of Dermatology 39(5):321-333, May 2000.	<input type="checkbox"/>
21	MINISTER, P., "Two New Antibiotics to Combat Mastitis," The Farmer 1(4):31-32, Summer 1976.	<input type="checkbox"/>
22	NICHOLAS, R.A.J., and R.D. AYLING, "Mycoplasma bovis: Disease, Diagnosis, and Control," Research in Veterinary Science 74(2):105-112, April 2003.	<input type="checkbox"/>
23	"PIRSUE® Sterile Solution" (Product Information Sheet), Pharmacia & Upjohn Company, Kalamazoo, Mich., January 2003, 2 pages.	<input type="checkbox"/>
24	"PIRSUE® Sterile Solution" (Product Information Sheet), Pfizer Canada Inc., Kirkland, Quebec, Canada, at least as early as December 20, 2005, < http://pfizercanen.naccvp.com/view_label.php?prodnum=1196319 > [retrieved December 20, 2005], 4 pages.	<input type="checkbox"/>
25	REBHUN, W.C., "Diseases of Dairy Cattle," Lippincott Williams & Wilkins, Philadelphia, October 1995, Chap. 8, "Diseases of the Teats and Udder," pp. 279-308.	<input type="checkbox"/>
26	SAMBROOK, J., et al. (eds.), "Molecular Cloning: A Laboratory Manual," 2d ed., Cold Spring Harbor Laboratory Press, New York, 1989, "Appendix B: Preparation of Reagents and Buffers Used in Molecular Cloning," p. B.16.	<input type="checkbox"/>
27	SANDVANG, D., et al., "Characterisation of Integrins and Antibiotic Resistance Genes in Danish Multiresistant Salmonella enterica Typhimurium DT104," FEMS Microbiology Letters 160(1):37-41, January 1998	<input type="checkbox"/>
28	SMITH, B.A., et al., "Omental Pedicle Used to Manage a Large Dorsal Wound in a Dog," Journal of Small Animal Practice 36(6):267-270, June 1995.	<input type="checkbox"/>
29	SMITH, K.L., and J.S. HOGAN, "Environmental Mastitis," Veterinary Clinics of North America: Food Animal Practice 9(3):489-498, November 1993.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10812668
Filing Date	2004-03-30
First Named Inventor	Ritchie
Art Unit	1618
Examiner Name	Micah Paul Young
Attorney Docket Number	UGRF123806

30	STERN, G A., et al., "Effect of Topical Antibiotic Solutions on Corneal Epithelial Wound Healing," Archives of Ophthalmology 101(4) 644-647, April 1983.	<input type="checkbox"/>
31	TARABLA, H., and V. CANAVESIO, "Prevalence of Intramammary Infections by Major Pathogens at Parturition in Dairy Cows After Intramuscular Antibiotic Therapy at Drying-Off: A Preliminary Report," Journal of Dairy Research 70(2):233-235, May 2003.	<input type="checkbox"/>
32	TSOLOV, S., et al., "Rifamycin Depot—Syringae Intramammariae," Medico-Biologic Information 12:21-27, 1988.	<input type="checkbox"/>
33	TYLER, J.W., et al., "Treatment of Subclinical Mastitis," Veterinary Clinics of North America: Food Animal Practice 8(1):17-28, March 1992.	<input type="checkbox"/>
34	WOOLEY, R.E., et al., "In Vitro Evaluation of the Antimicrobial Effect of Commercially Available Mastitis Medications Combined With EDTA-Tris on Bacteria That Cause Mastitis in Cattle," Veterinary Therapeutics 3(2):150-156, Summer 2002.	<input type="checkbox"/>
35	YU, P., et al., "Inhibition of Alpha-Smooth Muscle Actin Expression in an In Vitro Wound Healing Model by Certain Antibiotics," Journal of Trauma: Injury, Infection, and Critical Care 47(1):130-135, July 1999.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.